

In response to the Office Action mailed July 7, 1999, kindly amend the above-referenced application as follows:

In the Title

Change the title to:

"System And Method For Assessing The Effectiveness Of A Cache Memory Or Portion Thereof Using FIFO or LRU Using Cache Utilization Statistics"

In the Claims

Amend the claims as follows:

21 (Amended). A computer program product as defined in claim 18 in which one of said cache memory management methodologies is a FIFO (first-in/first-out) methodology, the cache miss prediction module being further configured to generate the cache miss prediction value in accordance with:

$$1 = \sum_i \frac{\frac{A_i}{R_i} (R_i - 1 - H(i,S))}{M + \frac{S \left( \frac{A_i}{R_i} \right)}{E_i}}$$

where "M" represents the cache miss prediction value, H(i,S) corresponds to [the] a number of cache hits per packet, "S" represents the selected cache memory size value, "A<sub>i</sub>" represents the file retrieval activity value for a file "i," "E<sub>i</sub>" represents the extent of activity value for the file "i," and "R<sub>i</sub>"